

IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1 to 8 (canceled).

Claim 9 (currently amended): A method for manufacturing a cast brake disk, the method comprising:

providing at least two pairs of bodies, each pair including two bodies inserted into one another and movable with respect to one another along an axis of the pair;

disposing the at least two pair in a casting mold such that the respective axis of each pair is substantially radially aligned with respect to the brake disk;

disposing the casting core in a casting mold;

filling the casting mold with a liquid metal and cooling so as to provide a solidified cast brake disk;

removing the core from the solidified cast brake disk, wherein the at least two pair of bodies form joining elements of the cast brake disk between a brake disk-~~chamber~~ hub and a friction ring, a first body of the pair of bodies being directly connected only to the friction ring and a second body of the pair of bodies being directly connected only to the brake disk hub.

Claim 10 (currently amended): The method as recited in claim 9, further comprising casting the brake disk-~~chamber~~ hub and the friction ring as part of the solidified cast brake disk during a casting process.

Claim 11 (currently amended): The method as recited in claim 10, further comprising:

joining the brake disk-~~chamber~~ hub and the friction ring using a bridge during the casting process, and

removing the bridge from the solidified cast brake disk after the casting process.

Claim 12 (currently amended): The method as recited in claim 10, wherein the brake disk ~~chamber~~ hub and the friction ring are filled separately using at least one gate, and are separated from one another by the core and the at least two pairs of bodies.

Claim 13 (previously presented): The method as recited in claim 9, wherein the at least two pair of bodies are disposed in a core box and further comprising shooting a core sand into the core box, the core box being at least partially surrounded by the core.

Claim 14 (currently amended): A brake disk made of a cast material, comprising:

a brake disk ~~chamber~~ hub;

a friction ring;

at least two pair of bodies joining the brake disk ~~chamber~~ hub and the friction ring, wherein each pair includes a first body inserted into a second body, the first and second body being axially movable with respect to one another along a longitudinal axis of the pair oriented substantially radially with respect to the brake disk ~~chamber~~ hub and the friction ring, wherein one of the at least two pair adjoins the brake disk ~~chamber~~ hub and another of the at least two pair adjoins the friction ring.

Claim 15 (previously presented): The brake disk as recited in claim 14, wherein the at least two pair are cast into the brake disk.

Claim 16 (previously presented): The brake disk as recited in claim 14, wherein the first body of each pair includes one of a bushing and a bolt and the second body of each pair includes a bushing.

Claim 17 (new): A brake disk capable of being made according to the method of claim 9, comprising:

a brake disk hub;

a friction ring;

at least two pair of bodies joining the brake disk hub and the friction ring, wherein each pair includes a first body inserted into a second body, the first and second body being axially movable with respect to one another along a longitudinal axis of the pair oriented substantially radially with respect to the brake disk hub and the friction ring, wherein one of the at least two pair is firmly joined by casting to the brake disk hub and another of the at least two pair firmly joins the friction ring by casting.

Claim 18 (new): The brake disk as recited in claim 17, wherein the at least two pair are cast into the brake disk.

Claim 19 (new): The brake disk as recited in claim 17, wherein the first body of each pair includes one of a bushing and a bolt and the second body of each pair includes a bushing.